

#### User's Manual



#### A Full-featured Desktop Publisher with Page Layout, Word Processing, Typesetting and Graphics

For Apple* //e (enhanced), //c, //c Plus and //GS computers	
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- 6 Features and Functions
- 7 An Introduction to Graphic Design
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#### www.Apple2Online.com

The Ultimate Apple II Online Resource

- The Tool Box
- The Program Menus
  The Quick Keys



# 6 FEATURES AND FUNCTIONS

This chapter provides a "Facts at Your Fingertips" to PUBLISH IT! 2's menus, tools, and Quick Keys. Each menu is reprinted, followed by brief explanations of each menu option.

### The Tool Box

- The Pointer
- The I-Beam Tool
- ▼ The Graphics Frame Tool
- The Text Tool
- The Linking Tool
- The Line Tool
- ☐ The Filled Box Tool
- The Rounded Corner Box Tool
- O The Circle Tool
- # The Page Numbering Tool
- The Left Paging Arrow
- **➡** The Right Paging Arrow

## The Program Menus

### ■ The Apple Menu

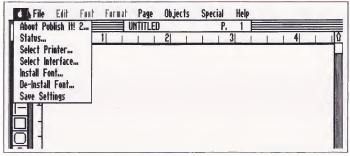


Figure 37

About PUBLISH IT! 2—Select this option to find out what version of PUBLISH IT! 2 you are using. To go back to your document, click on OK.

Status – Displays your computer's current memory availability and information on how many objects you have remaining to use (the maximum allowed is 65 per page).

Select Printer—When installing PUBLISH IT! 2, you must Select a Printer. In the dialog box that appears, select your printer by clicking on its name; then click on OK to save your choice.

Select Interface—When installing PUBLISH IT! 2, you must Select an Interface. In the dialog box that appears, click on your interface's name to select it; then click on OK to save your choice.

**Install Font**—Choose this option to install fonts supplied with the optional Font Packs.

The maximum number of fonts allowed is 24 at any one time. You have 21 fonts in the PUBLISH IT! 2 program, so you will have to de-install some if you add more than three.

If you load a document that incorporates a font that is not currently installed, PUBLISH IT! 2 will substitute Desplaines 12.

**De-Install Font**—Use De-Install Font to remove one or more fonts from the list of available fonts. De-installed fonts may be installed again.

NOTE: The default fonts—all the Desplaines sizes and the Deerfield 10, 12 and 24—cannot be de-installed.

A dialog box will appear and display a list of currently installed fonts. Click on the ones you wish to remove, one at a time, and click on REMOVE for each font selected.

Save Settings—This option saves your default settings for any option that was active at the time you choose "Save Settings." It saves the page size settings, line, pen and fill patterns as well as the last-used data path, whether you were using any guides and the Snap To Guides option, column outlines, rulers, the measurement unit, user-defined patterns, whether pictures are shown or not, and the current view. It does not save your document. The next time you load PUBLISH IT! 2, these settings will be your defaults.

#### The File Menu

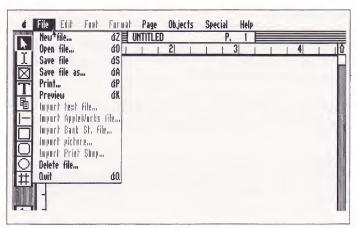


Figure 38

New File—To name a document before beginning or to abandon the one you are currently working on, choose New File from the FILE menu or press ( ) 2. A box will appear with a blank line to enter the file name you want to create.

Open File—To select a previously saved file, choose Open File or press ( ). Select the file from the File Selector Box that appears.

Save File—Choose this option or press (5) s to save your document under the current file name.

Save File As—Choose this option or press (T) A to save the document under a different file name or different disk or sub-directory.

Print—To print your document, choose Print... from the FILE menu or press (P). A dialog box will appear with printing options. Make your selections and then click on OK. Printing can be canceled or momentarily suspended at any time by pressing the appropriate key shown in the dialog box that appears while the program is printing the document. See Chapter 5.

Preview—To see what a portion of your finished document will look like before printing, select this option or press

(3) (K). Use the (1) (2) keys to move around the page.

Import Text File—Before you can import text, follow these steps:

1. Select T from the Tool Box.

- 2. Create text columns by dragging. Select Snap To Guides for precision placement of these columns.
- 3. Select I from the Tool Box.
- 4. Click on the column in which you want to import text.

Text will be imported at the text insertion point. When you choose Import Text File, all available text files will appear in a File Selector Box.

Import AppleWorks File—When you choose this option, all available Appleworks word processor files will be shown in a File Selector. Select one and it will be placed at the text insertion point.

Import Bank Street File—Choosing this option opens a dialog box with all available Bank Street Writer files. Bank Street Writer files cannot be distinguished from picture or other program files, so be careful selecting the file name. The selected file will be placed at the insertion point in your document.

Import Picture—You must have a graphic frame selected before you can import pictures. Select this option and a dialog box will appear, showing all available picture files. When you select one, the picture will fill the screen. A box will be visible. This is the cropping box and is the same size as the graphic frame you want to fill. Drag the cropping box until it is around the part of the picture you want. You may change the size of the cropping box with the and the keys. You may also use the arrow keys or mouse to move the box. When you are satisfied, press (RETURN).

Importing Print Shop™ Graphics—To use this option, first select a graphic frame. The File Selector Box will appear on the screen. Click on the DRIVE button to select the drive containing your Print Shop graphics and then click on the name of the file you want to import. This option works just like Import picture, explained above.

**Delete File**—To remove a file from your data disk, choose Delete File. You can only delete one file at a time. Select the file you want to remove from the File Selector Box that appears.

Quit—Use Quit to exit PUBLISH IT! 2. Just choose Quit from the FILE menu or press ① ②. A dialog box will appear and ask for confirmation.

#### The Edit Menu

To activate the EDIT menu, you must first select [] in the Tool Box.

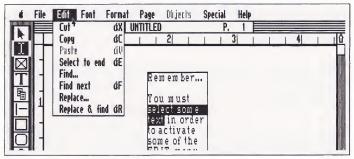


Figure 39

Cut-Choose Cut from the EDIT menu to remove selected text (text in a column) from the screen. The text to be cut can be as little as one character or as long as about 1000 characters.

Highlight the area to be cut with the  $\boxed{1}$ , then choose Cut from the EDIT menu or press  $\boxed{3}$ . The text will disappear from the screen and be moved to the clipboard. You can then paste it anywhere in your document.

Copy—Use Copy to place selected text in the clipboard while leaving it on the screen. The text to be copied can be as little as one character or as many as about 1000. Highlight the area to be copied with the I, then choose Copy from the EDIT menu or press C. The copied area will remain on screen and be copied to the clipboard. You can then paste it anywhere in your document.

Paste—Use the Paste command, after using Cut or Copy, to move selected text (text in a column) from the clipboard to your document.

After cutting or copying text, move the insertion point where you want the first character to appear. Choose Paste or press  $\bigcirc$   $\boxed{\mathbf{v}}$ .

Select to End—Select this option (or press (E) to highlight all the text from the cursor to the end of the current article.

Find—To search for a word or phrase, move the insertion point before the first occurrence. Select Find... and enter the word or phrase to be searched in the dialog box.

Find Next—To find the next occurrence of a word or phrase, choose Find Next or press (\*\*) **F** after the first Find.

Replace—To search and replace a word or phrase in one command, move the insertion point before the first occurrence and choose Replace... Enter the characters to be found and then the characters to replace them.

Replace & Find—To replace the currently found word or phrase and find the next occurrence, choose Replace & Find or press (R) after the first Replace...

#### The Font Menu

To activate the FONT menu, select [] in the Tool Box.

If you have not highlighted a block of text, the next character you type will appear in the selected font or type style. To change the style of existing text, highlight a block of text, then select another from the menu.

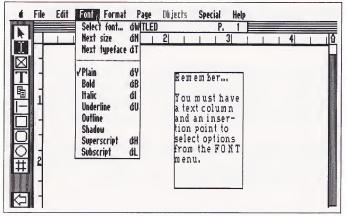


Figure 40

Select Font—To change font or size, choose Select Font... or press () (w). A dialog box will appear with all available fonts. The currently selected font will appear highlighted. Click on the Scroll Arrows to step through the entire list.

Next Size—To quickly change the size of the current font, select Next Size or press (N). Keep pressing (N) to cycle through the available type sizes for that font.

Next Typeface—To quickly change typeface, select Next Typeface or press (\*) T. The highlighted text will change to the next available typeface. Keep pressing (\*) T to cycle through all available typefaces.

Plain—Choosing Plain or pressing ( will return text to the basic style of a font.

**Bold**—For more dramatic text, with wider letters, choose Bold or press (3) **B**.

Italic – For italicized text, choose Italic from the FONT menu or press (1).

Underline—To underline text, select Underline or press ① Ū.

Outline - Choose Outline for a graphic style of font. Each letter looks like a frame.

Shadow-For special effects, select shadowed letters with Shadow.

Superscript – For footnotes, to set text a half line above other text, choose Superscript or press () II.

Subscript – Used mostly for technical publications, choose Subscript or press ( L to set text a half line down.

#### The Format Menu

To activate the FORMAT menu, select I in the Tool Box.

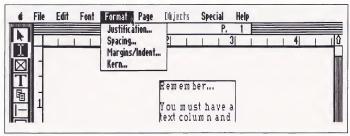


Figure 41

NOTE: The first three FORMAT menu options, Justification, Spacing and Margins/Indent can be set to override the default settings of the PAGE menu. To make changes to a portion of a page, make selections on the FORMAT menu. Click on the Use Page Standard box to remove the x and allow the FORMAT menu settings to cancel the PAGE menu settings for that selection.

**Justification**—Choosing this option brings up a dialog box with the four alignment options available—Left, Right, Center or Full.

**Spacing**—Choosing Spacing from the FORMAT menu brings up a dialog box, so that you can change letter, word, line and paragraph spacing.

Margins/Indent – Use this option to change the Left, Right or First line indentation.

Kern—Choose Kern from the FORMAT menu and a dialog box will appear. Type in the number of points you want to remove in the selected space. When you click on OK, the spacing between letters is reduced by that number of points. The larger the number, the closer the two letters will be moved. (You must repeat this sequence every time you want to reduce the space between letter pairs.)

### ■ The Page Menu

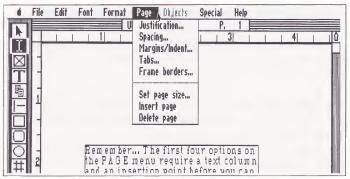


Figure 42

The first three options on the PAGE menu become the Use Page Standard defaults for that page. To change these settings for specific areas, use the FORMAT menu options.

To activate these options select the I tool.

Justification—Choose Justification from the PAGE menu to set the alignments for an entire page. Your choices are Left, Right, Center (all lines centered) or Full (aligned on both margins).

**Spacing**—Choose Spacing from the PAGE menu to set letter, word, line and paragraph spacing for all text on the current page.

Margins/Indent—Choose this option to set left and right margins for the document, and also to set the indentation of the first line of all paragraphs.

Tabs—Select this option to set the six available tabs for the current page.

Frame Borders—Select this option and a border will appear around the object selected. Frame borders are created on an object-by-object basis, but all frames on a page have the same size border, as defined on the PAGE menu.

Set Page Size—Select this option to choose your paper size. A dialog box will appear with four pre-defined page sizes. Select the page size you plan to use for this document. Do not select "8½-inch page width" unless you have a wide-carriage printer or a laser printer.

Insert Page—To add a new page to a document, choose the Insert Page option on the PAGE menu. A new page will be inserted at your current location. The page you were working on, and all subsequent pages, will be renumbered.

Delete Page—Selecting this option will delete the current page. All subsequent pages will be renumbered and moved up one page in your document. Delete Page erases text columns and reflows your text through the remaining chain. Text that is not part of a chain on another page will be lost.

### ■ The Objects Menu

To activate the OBJECTS menu, you must first select any object tool.

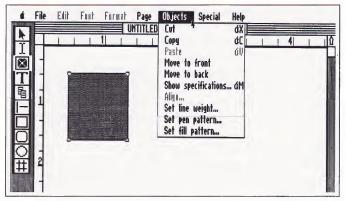


Figure 43

Cut-Choose Cut or press ⚠ to remove a selected object from the screen and send it to the clipboard for use with Paste.

Copy—Choose Copy or press ( to send a copy of an object to the clipboard for use with the Paste command.

Paste—Choose Paste or press v put a cut or copied object from the clipboard to the work area. The object can then be dragged to its new position.

Move to Front—Choose Move to front to bring a selected object to the front of overlapping objects. When an object is moved in this manner in front of a text column, the text will run around it.

Move to Back—Use this option to send a selected object beneath a series of overlapping objects. If the selected object is smaller than the other objects, it may be hidden.

Show Specifications—Choose this option or press

(() M) to determine and modify the exact size of an object with precision. When Show Specifications is selected, a dialog box will appear with the Left Start, Top Start, Width and Height (where applicable) of the selected object. You may change any or all of these options to resize or reposition the object. In addition, Frame Borders can be selected and text frames may be made transparent.

Align—When you want to precisely align two or more objects, select them and then select the Align... option. Click on one choice from each column in the dialog box that appears.

**Set Line Weight**—Choose this option to select from one of six line widths.

**Set Pen Pattern**—Choose this option to select from 24 patterns for the outline of a filled box or circle.

**Set Fill Pattern**—Choose this option to select from 24 patterns for the interior of a graphic shape.

#### Objects Special & Help Furmat Page √Show full size đ1 Show double size 62 Show half size d3 Size to fit √Snap to guides Select guides... Show column outlines Show rulers Show pictures Select unit measure... Define Pattern...

## The Special Menu

Figure 44

Show Full Size—By selecting this option from the SPECIAL menu or by pressing (1), you can see text and graphic elements on the display in the size they will appear on your print-out. However, you can only view a portion of the page at a time.

Show Double Size—Choose this option or press ②2 to see your document close-up, for fine-tuning your text or graphic elements.

Show Half Size—Choose this option from the SPECIAL menu or press (3) to show the page at about half the size that it will print out.

Size To Fit—Choose Size to Fit or press (1)4 if you would like to view the full page at once. You probably will not be able to see the text clearly because of its reduced size, but you can see what your layout looks like. Your page will appear on the left half of the screen.

Snap To Guides—Use guides to position objects quickly and accurately on the page. The Snap To Guides work when creating text columns and graphics, not when moving or resizing. If you overlap one or more guides when drawing it, your object will snap to the next edge.

Select Guides—The page can be divided into rectangular regions composed of 1 (1 x 1), 4 (2 x 2), 9 (3 x 3), or 16 (4 x 4) equal parts. Choose Select Guides... from the SPECIAL menu and make a choice of the number of guides from the dialog box that appears. If you want to turn the guides off, select No Guides. The guides you choose will remain in effect until you change them or until you quit PUBLISH IT! 2. The guides will not print out on your document.

Show Column Outlines—This option from the SPECIAL menu allows you to turn the display of text column outlines on and off. It does not affect the text within the defined areas or the text columns themselves. A check mark next to this option indicates that the option is active. The column outlines will not print out on your document.

**Show Rulers**—The Show Rulers option of the SPECIAL menu toggles the horizontal and vertical rulers on or off. Two indicators, one on each ruler, show the position of the mouse pointer at any time.

**Show Pictures**—Select this option to view or hide all pictures. Hiding pictures speeds up the screen drawing, but doesn't prevent printing.

Select Unit Measure—Choose this option to change measurement units from inches to centimeters or picas. The units of measure chosen here affect the on-screen rulers and other measurements, especially in the FORMAT, PAGE and OBJECTS menus.

**Define Pattern**—If you do not want any of the preset patterns, you can create one with this option from the SPECIAL menu. In the dialog box that appears, you can modify one of eight user-definable patterns. Patterns are saved with your document.

### ■ The Help Menu

When you choose one of the options from the HELP menu, an informational screen appears. Click on CONTINUE to see more information or on CANCEL to return to your document.

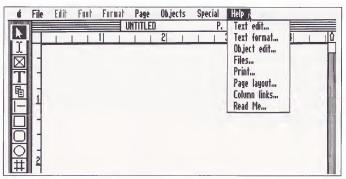


Figure 45

# The Quick Keys

Bold	◯ B
Copy	(I)(C)
Cut	(C)(X)
Discretionary (soft) hyphen	<b>J</b>
Double Size	<u> </u>
Find Next	(T)E
Full Size	<b>I</b>
Half Size	<u> </u>
Italics	<b>団I</b>
Next Size	(I)
Next Type Face	(I)
New File	◯ <b>Z</b>
Number Space	<b>@0</b>
Open File	<u></u>
Paste	$\bigcirc$ $\bigcirc$
Plain	
Preview	(I) K
Print	(I)P
Quit	<b>(1)</b>
Replace and Find	(C)(R)
Save File	(C)(S)
Save File as	(C)(A)
Select Font	$\bigcirc$ <b>w</b>
Select to End	(I)E
Show Specifications	$\bigcirc$ <b>M</b>
Size to Fit	<b>(1)</b>
Sticky Space	(C) (SPACEBAR)
Subscript	<b>D</b>
Superscript	(T)H
Underline	(C)(U)

Tips to Remember

7 An Introduction to Graphic Design

# 7 AN INTRODUCTION TO GRAPHIC DESIGN

Designing a letterhead, invoice, announcement, advertisement, business report—in fact, virtually anything you intend to print—is a matter of personal taste. There are a few "musts," however, that cannot be ignored. For example, Name, Address, City, State, Zip Code and Telephone Number, are essential information on a letterhead. Amount Due is essential on an invoice. Who, What, When, Where, and Why are essential to most announcements.

But where to position these essentials on the page, in what typeface and type size, with what graphics, and what size paper, is up to you.

Whether your publishing project is a simple letterhead or an important presentation, there are some guidelines that professional layout artists and graphics designers use all the time. We'll give you just a quick synopsis here, but if you intend to get into extensive desktop publishing and don't have artistic training, you'll probably want to do some further reading on the topics of layout, design and type selection.

What follows here are twelve rules reflecting the conventional wisdom of graphic design:

## Tips to Remember

- 1. All emphasis is no emphasis!! If you're a writer, you've probably been advised to use exclamation points sparingly. The reason, of course, is that not everything is amazing, and that trying to make it so only deprives you of an effective punctuation mark to use when something truly is amazing. The same is true with design. Strive to have the reader's eyes focus first on the most important part of your page. Use "bomb bursts" and reverses sparingly.
- Avoid clutter. Too many elements on a page are difficult to wade through. Just as you wish your words to flow in orderly fashion, so also do you want your page to flow.
- 3. Don't mix too many type fonts and faces. One rule of thumb is not to mix serif (those with "feet" on the letters) and sans serif faces. Another is not to have more than three sizes of type per page. Of course, rules can be broken, but resist the temptation of trying to use as many fonts as possible per document. We hope you'll be using PUBLISH IT! 2 for a long time, so save some of your choices for another document.

- 4. Strive for contrast. Gray pages, like gray laundry, are not very appealing. Leave some white space. Break up long columns of text with white space and bold face lead-ins. Add a high-contrast graphic.
- 5. Avoid negative white space. White space is that portion of the page where nothing appears. As refreshing as white space can be, surrounded by gray or black space, it tends to look like a donut hole. Have your white space open into your margins, rather than be surrounded by text or art.
- 6. Position artwork so it faces into the page. Artwork, especially of people, should not face into the blank beyond. If possible, make it face into the text.
- 7. Don't overuse rules and lines. Text columns create their own shape and form. They probably don't need vertical separation lines. Try using text rules only between unrelated blocks of copy.
- 8. Strive for a three-dimensional look with your artwork. PUBLISH IT! 2 allows you to overlay graphic elements to give the effect of having art in the foreground, middle ground and background. Experiment with this capability to achieve a more interesting look.
- 9. For multi-page documents, establish a style sheet. Handle page numbers, headings, captions and text in a uniform manner from page to page.

- 10. Consider the artful arrangement of all the elements on the page. Does the eye naturally flow from upper left to lower right? Is there a balance of black, gray and white space? Is the page symmetrical or pleasingly asymmetrical? Is there a focal point? One trick you might try is to hold your page up to a mirror. It should look good when reversed as well.
- 11. Is it complete? Set your document aside for while, say a day, and come back to it fresh. Does your document contain everything it needs to and nothing that it shouldn't?
- 12. Is there anything you can do to make it better? While you're designing your document, think about ways you can vary the final output to add excitement and interest. Print on color stock? Have it professionally printed with different colored inks? Have it folded in an interesting way? Now that's the creative challenge!

PUBLISH IT! 2 makes it simple to create, resize and move text columns and graphic frames around until you find a layout you like. Then, once you've decided how you want your document to look, PUBLISH IT! 2 makes it possible for you to create professional looking, printed material.

Use the convenient tools included in the program to draw perfect rectangles and circles and align them precisely. Create graphs for which you would pay a professional graphics designer a large fee. Make use of the numerous type fonts and special effects to give your document variety and sparkle. As you continue to use PUBLISH IT! 2, you will discover new applications for the various layout, text and graphic tools included in the program.

For ready-to-use designs, consider Timeworks DESIGN IDEAS. For graphs, consider adding Timeworks GRAPH IT! to your publishing library. For additional clip art and type choices, review our Accessory Packs. Ask your local dealer or contact Timeworks directly.

- A Sample Letter
- A Sample Resume
- A Sample Newsletter
- A Sample Letterhead
- A Sample Invoice
- Another Sample Newsletter
- An Advertising Sample
- A Sample Report

8 Sample Publications

Section 1

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# 8 SAMPLE PUBLICATIONS

We thought about calling this chapter, "Inspiration" because that's what it's supposed to provide. We're confident that the more you work with PUBLISH IT! 2, the more creative you will become. But to help get the creative juices flowing, we've included here some sample publications you might want to adapt for your own use.

There are no step-by-step instructions included, as we did in the Quick-start Mini-manual, but rather ideas put on paper and disk that illustrate some of the possibilities of PUBLISH IT! 2.

You will find the sample documents stored on the program disk. If you are using 5¼-inch disks, the files are on Side 2. Use the Open File... option on the FILE menu to view these files with PUBLISH IT! 2 and explore the techniques that were used to produce them. You will get many ideas that you can apply to your own publications. Listed below are the samples and their disk file names:

File Name	Contents
LETTER	A sample letter.
RESUME	A sample resume.
NEWSLETTER.1	A sample newsletter page.
LETTERHEAD	A sample letterhead.
INVOICE	A sample invoice form.
NEWSLETTER.2	A sample four-page newsletter.
<b>ADVERTISEMENT</b>	A sample advertisement.
REPORT.DOC	The main page for a report.
REPORT.GR1	The vertical bar chart for the report example.
REPORT.GR2	The pie chart and horizontal bar chart for the report.

See Chapter 5 for details on how to open a file.

Below we will discuss the major points of each document and give you some hints on how to produce your own documents.

An important factor in improving your skills with this program is to experiment. We have included these publications to give you a starting point for your own publications. So, open these files and experiment. Move the objects around the screen. Try to discover the steps we took to create these documents. You'll learn how to get even more from PUBLISH IT! 2 and from your Apple computer as well.

# A Sample Letter

Even your personal correspondence can look better when you use PUBLISH IT! 2. Open the file called LETTER, and you will see a personal letterhead with text set in an interesting font selection.

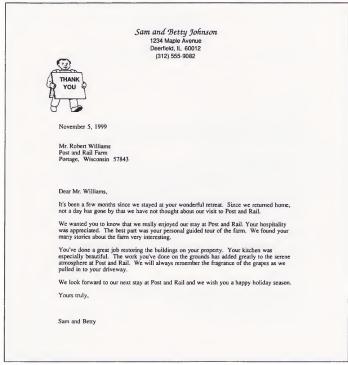


Figure 46

### A Sample Resume

We have included a sample resume with this package to show you how a little creativity can make a resume find its way to the top of the stack. Open this file to see how varying type sizes and boldface text can help to present your qualifications in an interesting and informative way.

> William L. Walsh Department of Marketing DePaul University 234 S. Wabash Avenue Chicago, IL 60604 (312) 555-5218

#### BUSINESS EXPERIENCE

#### Aims Copy Service: (Photo copy services)

Sales management consultant (part-time) for division specializing in insurance company and attorney firms' need to subpoena and copy various documents. 1986--Present.

#### Montgomery Ward: (Mass merchandiser)

Corporate Office, Chicago, IL.

Various assignments of increasing responsibility including: marketing and consumer research, systems development for buying office activities, budgeting, profit planning, sales forecasting, vendor evaluation and relationships, co-op advertising, training, merchandise assortment planning, and inventiory control. Full management responsibility for salared and timecard personnel. 1976–1985. Have returned to Wards twice on a consulting basis—1) to revise retail inventory program (summer, 1986) and, 2) to represent Wards in the 1987 United Way of Chicago campaign (present).

#### American Can Co.: (Consumer goods packaging)

Chicago and San Francisco, CA.

Economic research and long-range planning, marketing research, customer presentations and sales administration. Full supervisory responsibility for salaried and timecard personnel. 1972-1976.

#### EDUCATION

- . M.B.A. in marketing (accounting minor), DePaul University, Chicago, IL 1978.
- . Elected to graduate honors society, Delta Mu Delta.
- M.B.A. candidate, Northwestern University, 1974-75.
   B.S. in commerce, DePaul University, 1970.

Figure 47

### A Sample Newsletter

This is a simple one-page newsletter. This type of newsletter might be circulated on a daily or weekly basis. Since little information is required for this newsletter, we can keep it down to one page.

The masthead of the newsletter appears at the top so the reader can immediately know what s/he is reading. We have also headlined the articles in the newsletter with boldface type, to help the reader find articles of interest. Vertical and horizontal rules (lines) add to the readability of the newsletter.

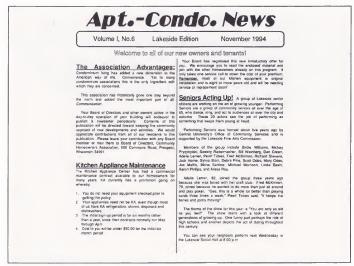


Figure 48

# A Sample Letterhead

Each business should have its own unique letterhead. This is the first thing people see when you send them a letter.

Open the file LETTERHEAD to see a sample letterhead. We have combined the company name with a graphic element and a promotional tag line at the top and placed the address and phone number information at the bottom. To make the tag line fit perfectly beneath the logo and company name, we employed the variable letter spacing and kerning features of PUBLISH IT! 2.

To use a letterhead with PUBLISH IT! 2 you can either print out a number of blank sheets and use them with your typewriter or you can create the letterhead, open it, and compose your letter right in PUBLISH IT! 2. Use Save As... to assign a new name and keep the letterhead available for your next letter.



Figure 49

# A Sample Invoice

Forms are the driving force behind most businesses. Forms help you record and present information in an organized fashion. You can use PUBLISH IT! 2 to produce all the forms you will need for a variety of tasks.

As with the letterhead, you can either print out a blank form and fill it in with a typewriter or pen, or you can fill out the form right in PUBLISH IT! 2. You can even bring a print-out of the blank form to your neighborhood printing house and have it reproduced onto forms that can be run through your printer.

The invoice form on the PUBLISH IT! 2 disk uses boxes to separate the headings from the information to be entered into the form. The company address and logo are at the top of the form as in the letterhead.

<u> </u>		8 0/7 8 A	WIDI	IN	VOICE NO.	INVOICE D	ATE	PAGE
EW/	USED	COM	PUTER	S _	OUR REFE	RENCE NO.	ORDER	NO.
34 W. Han	rison - Chicago,	, IL 60646 - (3	12)555-4455	SHIP TO:				
CUSTOME	R P.O. NO.		TERMS	SHIP VIA	SHI	P DATE	F	REIGHT
R	EP FIRM			SPECIAL INST	RUCTIONS			
TY. ORD.	QTY, SHIP.	QTY, B/O	CAT. NO.	DESCRIPTION		LINIT	PRICE	EXT.
		1						1

Figure 50

# **Another Sample Newsletter**

This is a multi-page newsletter. When you load this publication into the computer, you will see how to continue articles onto subsequent pages.

This newsletter also has a masthead, and we have included a box at the top for the date and edition number of the newsletter.

At the lower right corner, in a box, we have included a table of contents.

Inside the newsletter you will see lines of text pulled out from the article that appear larger than the regular text. These lines recap passages from the article and are widely used in magazine production.

On the last page you will see a blank white area. This is where the address label will be attached. In publishing terms this is called the indicia. Also in the newsletter you will see a coupon.

When this newsletter is ready for production, you will print out each of the four pages and either you or your printing house would paste them in order for final printing. You may want to print this on a single 11 x 17-inch sheet with a fold in the middle. Your printer will help you with these details.

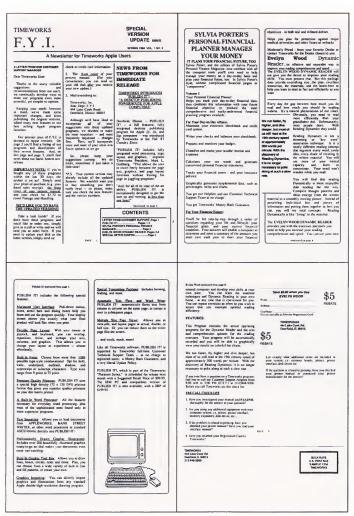


Figure 51

# An Advertising Sample

Two important elements of a good advertisement or "flyer" are eye appeal and simplicity. You must have some element that will draw the reader into your ad, hold his attention and gain his commitment to purchase. The message must be simple and direct.

This ad is a replica of an actual ad that Timeworks has used in magazines for our Evelyn Wood Dynamic Reader program. The white space at the left of the ad is significant. Most advertisers try to fill every inch of the ad with text. The white space adds contrast.

We have used a provocative headline to get the potential customer to read the ad. This ad includes three graphic elements: a photo of the program package, an illustration of one of the program screens and the Timeworks logo which will be dropped in by the printer. These art elements help to show more information about the program and also break up the flow of the text.

To order the program call the number shown at the bottom of the ad.

The Evelyn Wood Dynamic Reader, Now, Place the world's most renowned master brings package the techniques of Dynamic Reading to your photo computer. here Learning to read faster isn't good enough. With the Evelyn Wood Dynamic Reader, you'll learn to read three to ten times faster - but with better comprehension and retention. Only Timeworks brings this highly successful reading program into your computer. It will guide you like a gifted teacher through the drills and exercises at your own comfortable pace, automatically record your progress, and let you graphically review your If it takes you more than "saults on colonia bar charts.

Reading Dynamics is 30 seconds to read this ad, not a skimming or 'key word' association you need Evelyn Wood different reading concept that registers every word, every idea, every shade of meaning in the written material. You will use more of your mental capacity and learn to concentrate, Your mind won't wander while you read. Reading dynamically is more enjoyable than reading the old way. Complete thought patterns and ideas emerge from the written material in a smoothly moving picture. Instead of perceiving individual bits and pieces of information and putting them together as best you can, you will see total concepts. Reading dynamically is like living in the material. The Evelyn Wood Dynamic Reader provides you with the exercises and tools you need to help you increase your reading Place Screen comprehension and speed. Your own personal computer helps you develop your shot here skills at your own pace. You learn the essential techniques of Dynamic Reading in your own home - at any time convenient for you. You can repeat exercises as often as you wish to assure that you maintain optimal reading efficiency. Each program contains 50 Skill-Builder exercises, 20 reading exercises and 40 quizzes. Only Timeworks offers the Evelyn Wood Dynamic Reader. Now at your favorite dealer. Or contact Timeworks, Inc., 444 Lake Cook Road, Deerfield, IL 60015. Phone: (312) 948-9200. Available for Apple, IBM, Commodore, Atarl. Timeworks Programs:
-Publish It! - Publish It! 2
- Dasign Ideas
- Symbols & Slogans
-People, Places and Things
- Education Graphics
- Font Pack 1 - Font Pack
- Swiftax Place LOGO here

Figure 52

# A Sample Report

PUBLISH IT! 2 provides the tools you need to produce interesting, informative reports with a flair that only desktop publishing can deliver.

In the report below we have used graphics to show various statistics. A clean graphic always enhances a report. The graphics are layed out in such a way that they will complement the text and lead the reader though the document. We have used three different types of graphics in order to add variety to the document. All three graphics were created with the graphic tools in PUBLISH IT! 2.

We created large headings to set off the sections of the report. This invites the reader to go directly to a section of interest. Adding headings also breaks up the monotony of having only one type size and style throughout a report.

As you can see from the list of files, we have split this document into three files. We did this to demonstrate two different techniques: Documents larger than available memory and external cut and paste. To produce the final report, print out the three files and paste the graphics into their proper locations in the main report document. Use a photocopy machine to produce the completed report, or overprint each part on the same page. If we had chosen to create the graphics with a drawing program, GRAPH IT!, for example, and import them into the report in a graphic frame, all three graphics would have fit in the computer's memory.

The physical cut-and-paste technique can be used with any longer or large-file document to include everything you want.

Another technique used in this report involves the small text blocks in the vertical bar chart. We used small text blocks for the Amount labels and the Months. PUBLISH IT! 2 only allows sixteen independent text blocks (articles) on a page, and this graph needed eighteen. How did we solve this dilemma? We used the 🔁 to link all the text blocks in the graph. Voila! What was eighteen text blocks is now one linked text block. You must place the text blocks first, then link them, then type in your text.

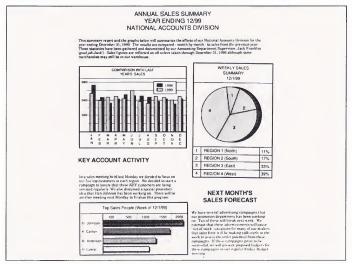


Figure 53

Now that we've shown you the kinds of documents you can create with PUBLISH IT! 2, let your creativity be your guide. Happy publishing!



9 A Glossary of Terms

# 9 A GLOSSARY OF DESKTOP PUBLISHING AND COMPUTER TERMS

Alert—The program's way of telling you, either by means of an on-screen box called an Alert Box or by a beep, that there is an error, a problem, or a caution to which you should respond.

Apple Menu—The menu at the far left of the Menu Bar. It appears when you pull down on the Apple figure at the left edge of the Menu Bar.

Article—Any text that fills a column (or a linked column). An article may consist of multiple columns which are linked so that text can flow from one to another.

Aspect Ratios—The ratio of height to width of the pixels (dots) which make up the images shown on the screen.

**Bit Map**—A pixel-by-pixel representation of an image. The form in which graphics are imported into PUBLISH IT! 2 from other programs.

**Bleed**—To make a piece of artwork run beyond the margins of the document.

Boilerplate—Text or graphics that are used over and over without change (for example the masthead of a newsletter).

**Boldface**—A type style with thicker or more pronounced strokes, for example, the word "Boldface" at the beginning of this paragraph.

**Border**—The lines that form the shapes and outlines of boxes and other shapes.

**Button**—A small enclosed area within a dialog box that may be pointed to and clicked on to perform the indicated action.

Callouts—Text connected to a portion of a graphic with either an arrow or a line which explains what is being pointed to.

**Cancel Button**—The button in a dialog box that lets you leave the dialog box without carrying out a command.

Check Box-In a dialog box, a small square which may be clicked on to enable or disable an option.

Choose—To pick a command (as from a menu).

Click—A press and release of a mouse button, which executes a function.

Column-A boxed area that holds text.

Command—A choice you make from a menu that causes some action to take place, or a combination of the key and a letter on the keyboard that causes the same action to occur.

**Copy**—To duplicate text or an object for additional use (with the Paste function) in the document.

Crop—To select part of a bit map for reproduction by eliminating the rest of the graphic.

Cut—To remove something by selecting it and then choosing the Cut option in the Edit or Object menus.

**Delete**—To remove text, layout elements, graphic elements or a page from a document, or a file name from saved files

**Deselect**—The opposite of selecting an object or tool. Sometimes you do this automatically when you activate another object or tool.

**Dialog Box**—An on-screen framed area in which the program asks you either for information or to make a decision.

**Dimmed**—A dimmed menu or menu item is not applicable to the action being performed and therefore appears in gray and cannot be used.

**Dummy** – A representation of how a finished piece will look – where the art and text will be and how it will be folded.

Edit—To rewrite or correct or revise the art or text prior to printing.

Face—A complete collection of letters, numbers, punctuation marks and other symbols with the same appearance. An example of a face is Wilmette.

Field—The entry area in a Dialog Box that asks for specific information.

Flush—Formatting text to the right or left margin.

**Font**—All of the characters, symbols, and numbers of the same size of a type face.

Gutter-The adjoining inner margins of two facing pages in a book or magazine.

Handles—Small squares that mark the corners of a selected object.

**Highlight**—To make something stand out by reversing the letters and background. The purpose of highlighting something is to indicate that it has been selected for current use.

**Icon**—A small on-screen picture that implements a function in the program. It is moved with either a mouse or a joystick.

**Insertion Point**—A flashing vertical bar (similar in function to a cursor) in text to indicate where additional characters are to be added.

Justify—To align text along a margin. Typeset material is often justified along both the right and left margin, achieved, if necessary, by adding additional space between words.

Kerning—The process of decreasing the space between letters.

**Layout**—The arrangement of text and graphic elements on a page.

Letter Spacing—The addition of space between letters to make a line come out to a desired length.

Line Spacing—The amount of space between lines of text (also called leading).

Margin—The area from the left of a page to the left edge of text, or the right of a page to the right edge of the text.

**Menu Bar**—The horizontal strip at the top of the screen which contains the menu titles.

Menu Items—A series of commands that appears when you pull down the menu title (for example, Print... on the FILE menu).

Objects—Any text column, line art or graphic frame that can be moved or resized in your document. Because these are objects, they can be moved, resized, placed on top of, or under, other objects and manipulated in other ways.

Paste—To place an object or text which has been Cut or Copied to a specific location on the Work Area.

**Pica**—A typesetting measure equal to 1/6 inch, or 6 picas to an inch.

**Point**—A typesetting vertical measurement of size. One point equals 1/12 of an pica (and approximately 1/72 of an inch). Body text is often set in 10 or 12-point type while a typical headline size is 48 points.

**Proofread**—Checking to see that text has been properly typeset, that it is mechanically correct.

Quick Key—The combination of the key and another key on the Apple keyboard that causes a command to take place. (See Chapter 6 for a complete list of Quick Keys and their functions.)

**Ragged**—Text with an uneven (ragged) left or right edge. (Full Justification removes ragged edges.)

Rulers – Guides marked in inches, picas or centimeters along the top and left edge of the Work Area.

Sans Serif—A typeface which has no ornaments or cross strokes at the bottoms of its letters like on our page headers. (See Serif.)

Save—To store information to disk so it can be retrieved.

**Scroll Arrow**—In the corners of the screen. Used to move about a document up, down, right and left by small increments.

Scroll Bar—The shaded areas to the right and bottom of the screen. You may move through your document any of three ways: 1) by clicking on the scroll arrows, 2) by clicking in the gray area around the white box, and 3) by dragging the white box. If you see no gray, you're seeing everything.

Scroll Box-The square within the scroll bar that you drag to reach another part of your document by relative position.

**Scroll**—To move about the document up, down, left or right so that different parts of it are visible.

Select—To point to an option, item, object or tool and click or drag the mouse button. Correctly done, one of three things will happen: If text (or an option), dragging will cause the words to reverse (change from black on white, to white on a black background); if an object, clicking will make handles appear at the four corners, or the text insertion point will appear (a vertical line). Selecting is sometimes called "Choosing."

**Serif**—A typeface which has ornaments or cross strokes at the bottoms of its letters like this type.

**Snap To Guides**—Guides are pre-defined shapes or templates that can be used to speed up and add precision to the layout process. Objects created using this option will automatically size themselves to these guides.

**Tool Box**—The series of pictures that run along the left side of the screen which contains "tools" for preparing text and graphics.

Typeface—A family of fonts which share the same visual characteristics. For example, Wilmette, Wilmette Bold and Wilmette Italics are all part of the Wilmette Typeface.

White Space—The unprinted spaces in a page layout. The amount of white space affects a document's readability and aesthetics.

Word Spacing—To add extra space between words. Usually done to widen text to fill up a line between left and right margins.

Wordwrap—The automatic shifting of a word to the next line when you enter text and reach the right margin.

WYSIWYG—(Pronounced "wizzy-wig.") An abbreviation for What You See Is What You Get and refers to the PUBLISH IT! 2 feature that what you see on your monitor is what will be reproduced by a computer printer.

Some Common Problems
Pre-call Checklist



## 10 TROUBLESHOOTING

## Some Common Problems

If you are having difficulty getting your documents to print the way you would like, the following suggestions should be of help.

## ■ What If....?

## **■ Suggested Solutions**

There is more text than there are text columns?

Text overflowing is one of the most common problems faced by desktop publishers.

Several possible solutions:

- Widen, lengthen or add to your text columns.
- 2. Set the text in a smaller type size.
- 3. Cut some of the text.

There is more room in the text columns than text?

Text underflowing is a concern of desktop publishers, especially since it often doesn't show up until after a neat layout has been designed.

#### Some suggestions:

- 1. Adjust the letter spacing or enlarge the art.
- 2. Reduce the length or width of your text columns.
- Set the text in a larger type size;
- 4. Add text:

I want text to flow from one page to another. Can I do it?

Linking text frames so text will flow from one to another in the sequence you have selected is not limited to the same page. Link your text columns as you want, no matter what pages they are on. Your selected text will flow from one to the next throughout your document. Text cannot flow backwards through a document (from Page 3 to Page 1, for example).

I want text to appear above, below and along the side of a graphic in a text column. How can I do it? The easiest way is to use the automatic runaround feature in PUBLISH IT! 2. You can flow your text inside the text columns then place your graphic where you want it on top of the text. The text will flow from under the graphic and down which ever side you have selected.

I want to use the empty space that appears on the right half of my screen when I view the full page of my document. Use it to try out layout ideas. While you can't print anything you create on the right half of that screen, you can save it.

I want to save a layout so I can use it again.

Easy to do! Simply pull down your FILE menu and select Save File As... Give your layout a file name (be sure the name you choose will remind you what's in the file). Then you can retrieve the layout any time you want.

I don't know the first thing about designing an ad or a sales promotion brochure. Where can I learn something about it? You could take some classes. Many schools, community centers and computer users groups offer inexpensive courses in advertising layout. Another excellent source is your local library. Many libraries have books of what is called 'clip art'. They are collections of sample layouts bound into books.

My interface card isn't compatible with those listed. What can I do?

Experiment by choosing the options in order. You may find a setting that works.

My printer isn't listed. What can I do?

Many printer manufacturers are making their units Epson compatible. Try one of these options.

The printing went haywire. What can I do?

You may have a "handshake" problem. Perhaps the cabling is incorrect, or perhaps your print buffer has overflowed. Consult your hardware manuals.

There is too much text to display on this page.

Usually, this error occurs when you have a large amount of text in a very small font. In this situation it is possible to have more than the 7K limit of text per page that PUBLISH IT! 2 can display. Use a larger font or narrower columns so that less text will be displayed on that page.

Can't link to different articles.

If you have entered text in a text column, that text column is considered a separate article. Even if you delete all the text and the column looks empty, PUBLISH IT! 2 will not link to the column. You must delete the entire column and then create a new one.

## Limits of PUBLISH IT! 2

With all of its speed, power and flexibility, it's easy to forget about limitations. Following are some of the boundaries of PUBLISH IT! 2.

A document can have up to:

128 separate Articles, with 64K total text per article.

128 pages.

64 imported graphics.

1K text buffer for Cut or Copy.

Each page can have up to:

16 separate Articles, with 255 lines of text in each article on a single page.

17 linked columns for a single article.

8K of text.

65 total Objects.

## Pre-call Checklist

## Before You Call . . .

- 1. Have you investigated your manual and the READ ME file thoroughly (Troubleshooting, Features and Functions and the Index) for the answer to your question?
- 2. Has the problem ever appeared before? What procedure did you use to produce the problem, and can you reproduce the situation? Have you tried reproducing the problem with hardware other than your own?
- 3. Are you using any additional equipment with your system, such as memory-resident software? If so, disconnect the additional hardware/software and try to repeat the problem. If not, did you change your hardware or software configurations before you first experienced the problem?

- 4. If the problem is related to printing, have you checked your printer manual or contacted your printer manufacturer for the answer? Have you read your interface manual or contacted your interface manufacturer?
- 5. Have you returned your Registration Card to Timeworks?

## If You Call ...

- Which Timeworks product are you calling about, and what is the version number? (For example, PUBLISH IT! 2 version 1.0) You will find the version number when you view the directory of your program disk, or on the "About PUBLISH IT! 2" menu item.
- 2. What system are you using? (For example, Apple //e, //c or compatible)
- 3. Have your user's manual with you when you call, and keep your manual and any other pertinent materials by the phone in case we need to call you back.

## If You Write ...

Include a phone number where you can be reached during the day.

- Installing on a High-Capacity Drive
  Pathnames, Directories and Prefixes
  The Font Library
  The Art Library



## 11 APPENDIXES

The following topics are discussed in this chapter: Installing PUBLISH IT! 2 on a high-capacity drive or RAM disk; File organization; A display of the font library; A display of the art library.

## Installing on a High-Capacity Drive

The easiest way to use PUBLISH IT! 2 on a high-capacity drive is to copy all the files from all the PUBLISH IT! 2 disks into a single sub-directory. This will assure you fast access to all PUBLISH IT! 2 files. Later, when experience tells you which files you do or do not use, you can remove the unused files.

On the other hand, you may choose to be selective about which files to copy onto your drive at the outset. Once you have made your working copies of PUBLISH IT! 2 as instructed in Chapter 3, you may want to transfer the following primary files to your hard disk, UniDisk 3.5 or RAMdisk:

DTP.SYSTEM DTP.MAIN DTP.PARM DTP.HELP SCREEN.FONTS

In addition, if you are using a laser printer, you will need the files LASER.WIDTHS and LASER.PREP.

In order to speed up the printing process, you'll probably also want to have all the font and art files that you plan to use on your high-capacity drive or RAMdisk as well. If this is your choice, review the font and art libraries at the end of this chapter and decide which ones will be of immediate use to you.

You can also copy files for your different device drivers if you believe you will be making frequent changes.

## Pathnames, Directories and Prefixes

This is a brief review of the ProDOS material covered thoroughly in the manuals which came with your Apple computer. If you haven't already, you will need to master the concepts of pathnames, directories and prefixes if you want to make the most efficient use of all the files PUBLISH IT! 2 offers.

## Assigning File Names

When you first store a file on a ProDOS disk, you must assign it a unique name, which ProDOS will look for every time you want that file. A ProDOS file name can be up to fifteen characters long. It must begin with an alphabetic letter, but the remaining characters may be any combination of letters, digits and periods. You may type in lowercase letters, but ProDOS will automatically convert them to uppercase letters. Here are some examples of valid ProDOS file names:

VIC1119.DOC FORMLETTER.DOC CHAPTER.11

Here are some examples of illegal file names, which ProDOS cannot recognize:

1110letter.doc (starts with a digit)
REPORT ON GEMS (contains spaces)
UNDERSTANDING.DTP (too long)
FAX&FIGURES (contains an invalid symbol, the ampersand)

Probably the commonest mistake people make when naming files is in adding spaces the file name. To improve readability of your file names, try adding a period where you would want to add a space.

## Creating Directories

When a file is saved to disk, it can be stored in any directory you have created on the disk. These directories are analogous to file folders in that they usually hold groups of related files. For example, you may create a directory to hold just your personal correspondence or one that contains only files relative to that newsletter you edit or only invoices. Frequently, one assigns a directory to each of his most used programs. The ability to create separate directories on the same disk makes it much easier to organize large numbers of files efficiently. When a disk is first formatted—usually with the Filer or System Utilities program on the ProDOS master disk—only one directory, called the volume directory, exists, and it is named at the completion of the formatting process.

The rules for naming directories is the same as for naming files. The volume directory for a standard ProDOS disk device can hold the names of up to 51 files.

You can create additional directories, called sub-directories, within the volume directory using the ProDOS "Create Filename" command from the Applesoft command mode or the "Make Directory" command from Filer. You can even create sub-directories within sub-directories—up to 64 levels! Each can hold as many files as you wish up to the storage capacity of the disk. This system of nested directories is called a hierarchical directory structure. The DIR mnemonic appears to the right of a directory name when you request a file listing with the ProDOS CAT or "Catalog" command.

## Pathnames

The directory in which a file is to be saved is normally specified by tacking on a special prefix to the file name to create a unique identifier called a pathname. A pathname is made up of the names of a series of directories, beginning with the a name of the volume directory and continuing with the names of all the directories that must be passed through in order to reach the directory you want, followed by the file name itself. Each directory name is separated from the next by a /, and a slash must precede the name of the volume directory. The directory names in the chain must define a continuous path: each directory specified must be contained within the preceding directory. For example, consider a disk that has a volume directory called MANUALS and two sub-directories within MANUALS called PUBLISH and ARTPACKS. If you want to save a file called CHAPTER11 in the PUBLISH sub-directory, you would type the following pathname:

### /MANUALS/PUBLISH/CHAPTERIL.

The advantage of sub-directories often is not readily apparent to users of floppy disks, but it becomes obvious when a mass storage device, like a hard disk or UniDisk 3.5, that has room for hundreds of files, is installed. Fortunately, the hierarchical directory structure used by ProDOS allows related files to be grouped together for easy access.

## The Font Library

PUBLISH IT! 2 comes with six different typefaces and a variety of fonts (sizes and varieties) of each. Illustrated below are actual size samples of each. Many are similar to type faces you are familiar with. Where appropriate, we have provided recommended uses for each. Timeworks offers additional faces and fonts which you may wish to add to the collection.

## Deerfield

Deerfield is a "square block" type face which is also weighted. It's very appropriate for labeling drawings or adding a contemporary look to a document.

Deerfield 12 point abcdefghijklmnopqrstuvwxyz 1234567890 ABCDEFGHIJKLMNOPQRSTUVWXYZ !@#\$%^&&\*() -+={}|];;"'<,>,|\`~

Deerfield 9 point

Deerfield 10 point

## Deerfield 24 point

## **Desplaines**

Desplaines is a clean-cut unornamented type face which is similar to Univers. We recommend it for business writing and instructions.

Desplaines 12 point abcdefghijklmnopqrstuvwxyz 1234567890 ABCDEFGHIJKLMNOPQRSTUVWXYZ !@#\$%^&&\*()\_-+={}[]:;"'<,>.|\\^~

Desplaines 9 point

Desplaines 10 point

Desplaines 18 point

# Desplaines 36 point

## Madison

Madison is very similar to the Art Deco type face called Broadway. It is very dramatic and would be a real attention-getter on a sign or invitation.

Madison 24 point abcdefghijklmnopgrs tuvwxyz 1234567890 ABCDEFGHIJKLMNOPQ RSTUVWXYZ !@#\$%^&&\*()\_-+={}[]:; "'<.>.|\`~

# Madison 48 point

## Ravinia

Ravinia is an elegant typeface that you might choose to announce a more formal invitation. It is a very artistic type face which would combine well with artwork of flowers or musical instruments.

Ravinia 18 point abcdefghijklmnopqrstuvwxyz 1234567890 ABCDEFGHIJKLMNOPQRSTUVWXYZ  $1@\#\%\%\&\$ 

## Ravinia 36 point

## Westwood

Westwood is a strong, emphatic headline type which would combine well with the smaller sizes of Deerfield. It is also a square block face that would do well in a business graphics environment.

Westwood 18 point abcdefghijklmnopqrstuvwxyz 1234567890 ABCDEFGHIJKLMNOPQRSTUVWXYZ !@#\$%^&&\*()\_-+={}[]:;"'<,>.|\`~

# Westwood 36 point

## Wilmette

Wilmette is a "weighted" typeface similar to Times Roman. It is a formal typeface, commonly used in book printing.

Wilmette 12 point abcdefghijklmnopqrstuvwxyz 1234567890 ABCDEFGHIJKLMNOPQRSTUVWXYZ !@#\$%^&\*()\_-+=()[];;"'<>;.?/~'|\

Wilmette 9 point

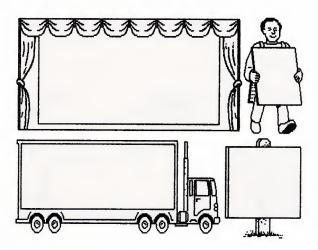
Wilmette 10 point

Wilmette 18 point

# Wilmette 36 point Wilmette 72

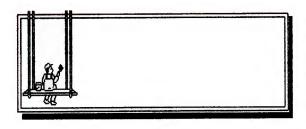
## The Art Library

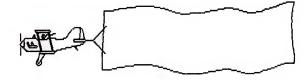
PUBLISH IT! 2 comes with 32 different files of artwork. There's everything from animals to sandwich boards. On the following pages are actual size samples of each of the art files.



Ads

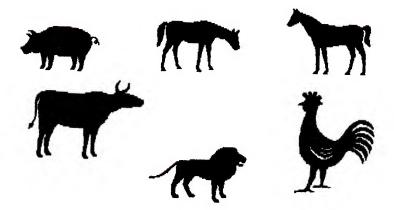
Artwork-Side 1





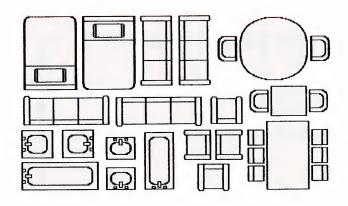
Ads2

Artwork-Side 1



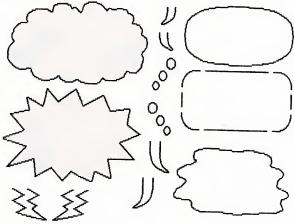
**Animals** 

Artwork—Side 1



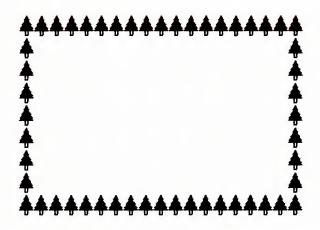
# Archsymbols

## Artwork—Side 1



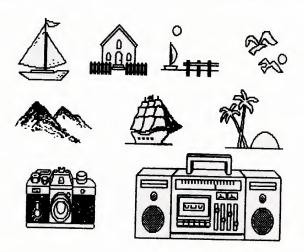
**Balloons** 

Artwork-Side 1



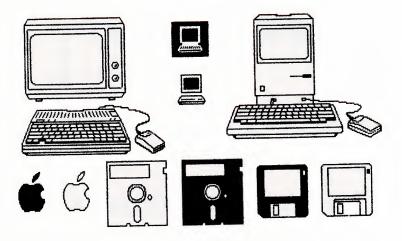
Border

Artwork-Side 1



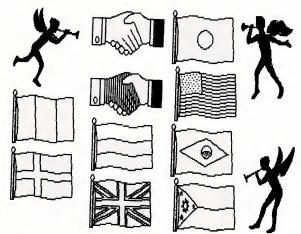
Camera

Artwork—Side 1



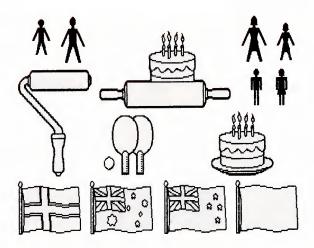
Computers

Artwork—Side 1



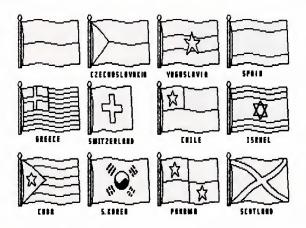
**Flags** 

Artwork—Side 2



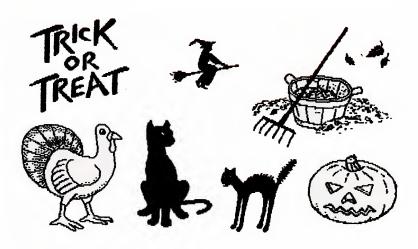
Flags2

Artwork-Side 2



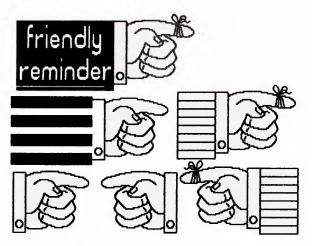
Flags3

Artwork—Side 2



Halloween

Artwork—Side 2



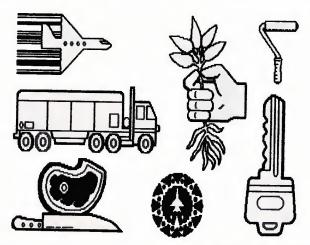
**Hands** 

Artwork-Side 2



House

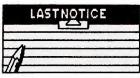
Artwork—Side 2



Key

Artwork—Side 2





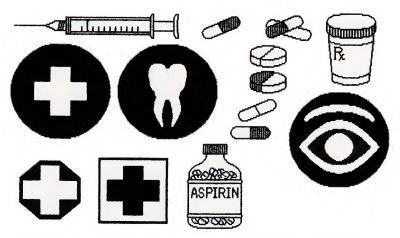






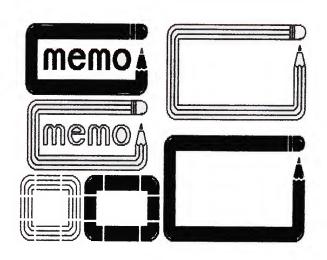
## Labels

## Artwork-Side 2



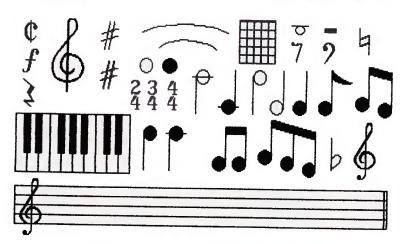
Medical

Artwork-Side 2



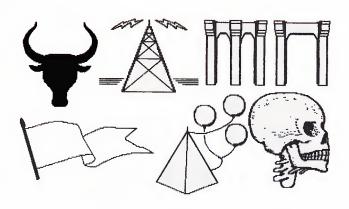
Memo

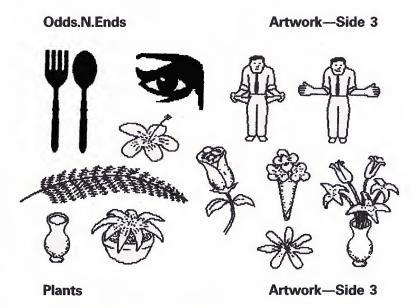
Artwork—Side 3

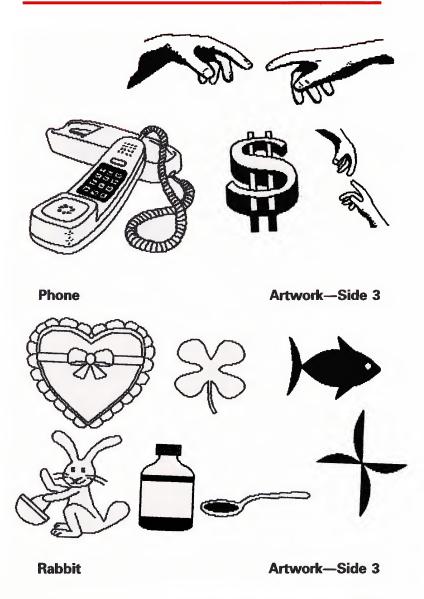


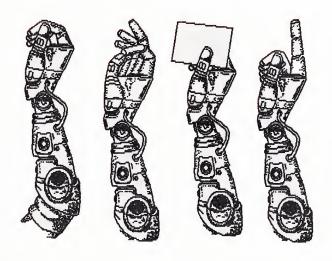
Music

Artwork-Side 3



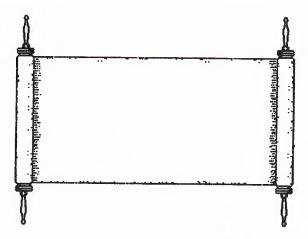






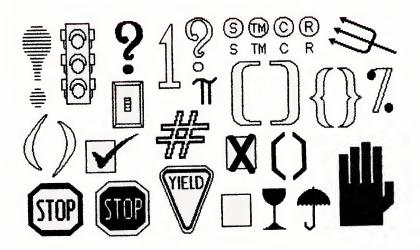
Robot.arms

Artwork—Side 3



Scroll

Artwork-Side 4

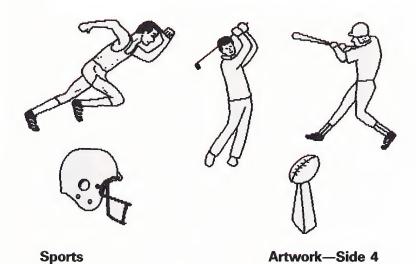


Skyline

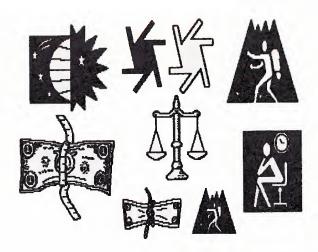
Signs

Artwork—Side 4

Artwork—Side 4

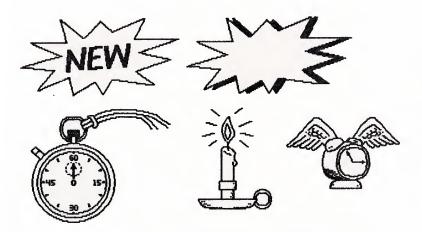


Symbols Artwork—Side 4



Symbols2

Artwork—Side 4



Time

Artwork—Side 4



Xmas Artwork—Side 4

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## **Personal Computer Software**

Timeworks has put the **personal** in Personal Computer Software.

We have pooled creativity, technical knowledge, manufacturing expertise, and conscientious quality control to bring to you the versatility and reliability demanded by the computer generation.

We have dedicated ourselves to the development of programs which meet the personal productivity needs of the computer user. Each program is designed and tested with the user's needs foremost in our minds.

Timeworks programs utilize maximum computer capacity. Our manuals are user-friendly, written in plain easy-to-follow language, then carefully edited to provide continuity and correlation with the program.

If superior design, maximum capability, effective graphics, and dependable performance are important to you, look to Timeworks **personal** computer software.

You'll be amazed at the difference a **personal** commitment can make.

For other Timeworks software see your local Timeworks dealer, or contact Timeworks, Inc., for a list of our latest software.

Timeworks, Inc.
444 Lake Cook Rd.
Deerfield, IL 60015-4919
(312) 948-9202 (As of 11/11/89, the Area Code is 708.)